

Inventor: Craig Carpenter et al.

Title: Deposition Methods Utilizing Microwave Excitation, and Deposition Apparatuses

∞ Assignee: Micron Technology, Inc.

**INFORMATION DISCLOSURE STATEMENT**

References – See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR § 1.56. Copies of the cited art are included with the exception of U.S. patents and published U.S. applications (1276 OG 55). No admission is made regarding whether all the submitted references are prior art.

Respectfully submitted,

Dated: 10/30/2003

By:

  
David G. Latwesen, Ph.D.  
Reg. No. 38,533

| Form PTO-1449   |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                        | ATTY. DOCKET NO.<br>MI22-2434 | PRIORITY SERIAL NO.<br>10/121,320                    |             |    |
|---|----|--|------------------------|-------------------------------|--|-------------|----|
| LIST OF ART CITED BY APPLICANT<br>(Use several sheets if necessary)   |    | APPLICANT<br>Micron Technology, Inc.                       |                        |                               |  |             |    |
|   |    | PRIORITY FILING DATE<br>4/11/2002                          | PRIORITY GROUP<br>1763 |                               |  |             |    |
| U.S. PATENT DOCUMENTS   |    |  |                        |                               |  |             |    |
| *Examiner Initial   |    | Document Number  | Date                   | Name                          | Class      Subclass<br>Filing Date<br>If Appropriate |             |    |
|   | AA | 5,951,887  | 9/14/99                | MABUCHI et al.                |  |             |    |
|   | AB | 6,446,573  | 9/10/02                | HIRAYAMA et al.               |  |             |    |
|   | AC | 5,988,104  | 11/23/99               | NAMBU                         |  |             |    |
|   | AD | 5,788,778  | 8/4/98                 | SHANG et al.                  |  |             |    |
|   | AE | 6,347,602  | 2/19/2002              | GOTO et al.                   |  |             |    |
|   | AF | 5,645,644  | 7/8/1997               | MABUCHI et al.                |  |             |    |
|   | AG | 6,311,638  | 11/6/2001              | ISHII et al.                  |  |             |    |
|   | AH | 5,545,258  | 8/13/96                | KATAYAMA et al.               |  |             |    |
| FOREIGN PATENT DOCUMENTS  |    |  |                        |                               |  |             |    |
|   |    | Document Number  | Date                   | Country                       | Class      Subclass                                  | Translation |    |
|   | AI |  |                        |                               |  | Yes         | No |
|   | AJ |  |                        |                               |  |             |    |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)   |    |  |                        |                               |  |             |    |
|   | AK |  |                        |                               |  |             |    |
|   | AL |  |                        |                               |  |             |    |
|   | AM |  |                        |                               |  |             |    |
|   | AN |  |                        |                               |  |             |    |
|   | AO |  |                        |                               |  |             |    |
| EXAMINER  |    |  |                        | DATE CONSIDERED               |  |             |    |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |  |                        |                               |  |             |    |

| Form PTO-1449  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |            | ATTY. DOCKET NO.<br>M122-2434        | PRIORITY SERIAL NO.<br>10/121,320 |          |                            |
|--|----|--|------------|--------------------------------------|-----------------------------------|----------|----------------------------|
| LIST OF ART CITED BY APPLICANT<br>(Use several sheets if necessary)  |    |  |            | APPLICANT<br>Micron Technology, Inc. |                                   |          |                            |
|  |    |  |            | PRIORITY FILING DATE<br>4/11/2002    | PRIORITY GROUP<br>1763            |          |                            |
| U.S. PATENT DOCUMENTS  |    |  |            |                                      |                                   |          |                            |
| *Examiner Initial  |    | Document Number  | Date       | Name                                 | Class                             | Subclass | Filing Date If Appropriate |
|  | AA | 6,527,908  | 3/4/2003   | KANETSUKI et al.                     |                                   |          |                            |
|  | AB | 6,158,383  | 12/12/2000 | WATANABE et al.                      |                                   |          |                            |
|  | AC | 5,134,965  | 8/4/1992   | TOKUDA et al.                        |                                   |          |                            |
|  | AD |  |            |                                      |                                   |          |                            |
|  | AE |  |            |                                      |                                   |          |                            |
|  | AF |  |            |                                      |                                   |          |                            |
|  | AG |  |            |                                      |                                   |          |                            |
|  | AH |  |            |                                      |                                   |          |                            |
| FOREIGN PATENT DOCUMENTS   |    |  |            |                                      |                                   |          |                            |
|  |    | Document Number  | Date       | Country                              | Class                             | Subclass | Translation                |
|  | AI |  |            |                                      |                                   |          | Yes                        |
|  | AJ |  |            |                                      |                                   |          | No                         |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)  |    |  |            |                                      |                                   |          |                            |
|  | AK |  |            |                                      |                                   |          |                            |
|  | AL |  |            |                                      |                                   |          |                            |
|  | AM |  |            |                                      |                                   |          |                            |
|  |    |  |            |                                      |                                   |          |                            |
|  |    |  |            |                                      |                                   |          |                            |
|  | AN |  |            |                                      |                                   |          |                            |
| EXAMINER   |    |  |            | DATE CONSIDERED                      |                                   |          |                            |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |    |  |            |                                      |                                   |          |                            |